

Figures

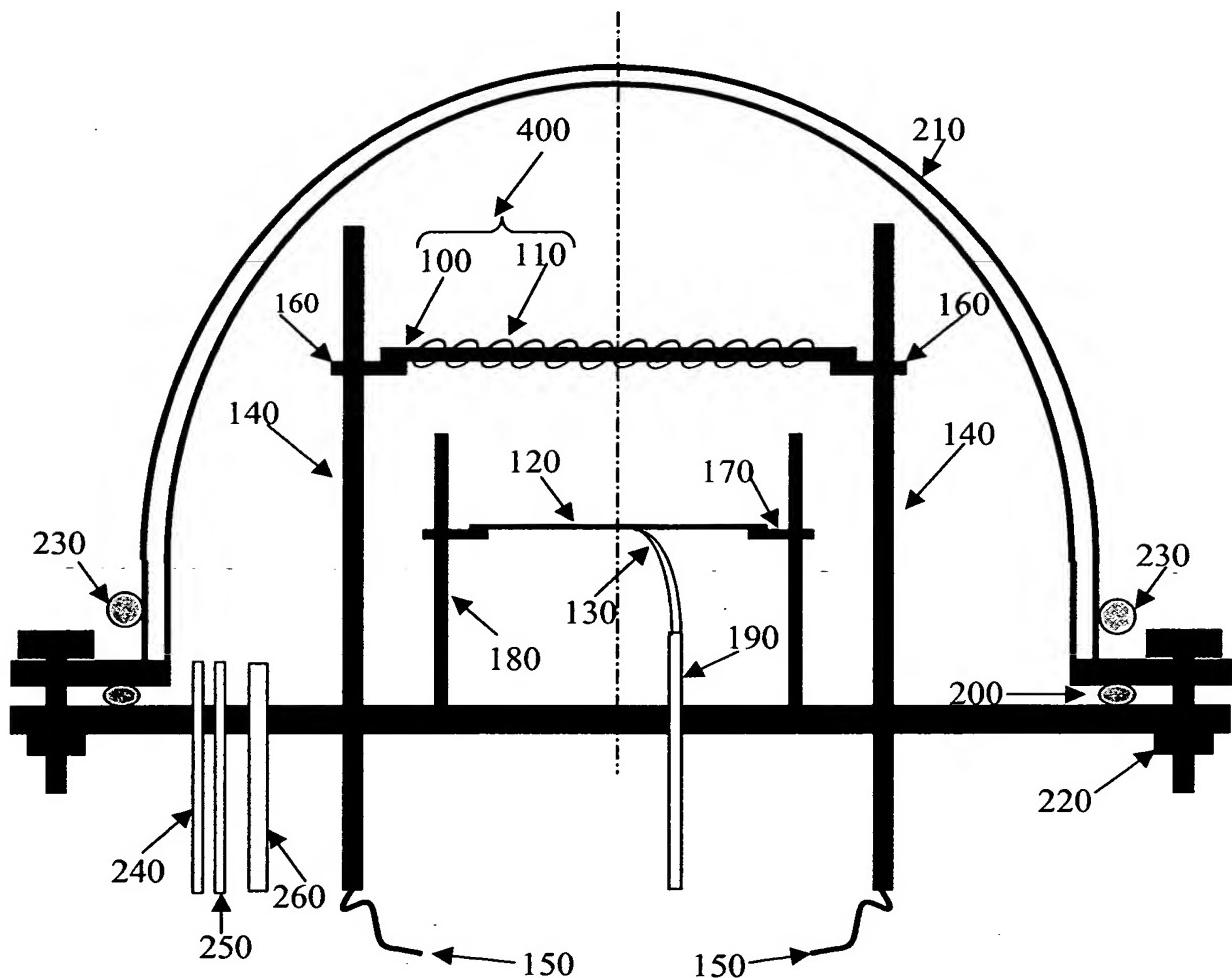


Figure 1. Side illustration of the CVT apparatus for low-temperature and low-pressure deposition of diamond coatings

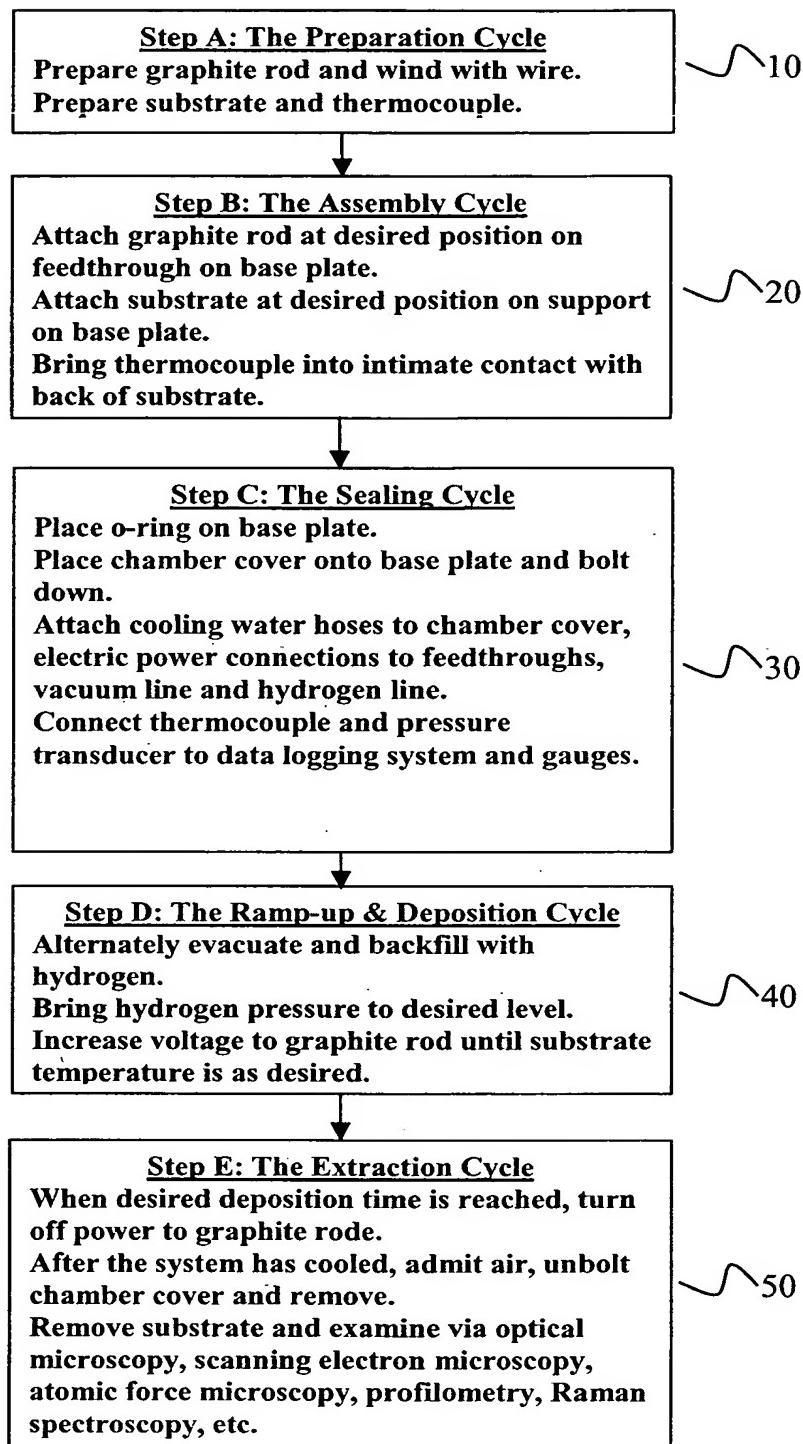


Figure 2. flow chart showing the manufacturing steps of CVT process

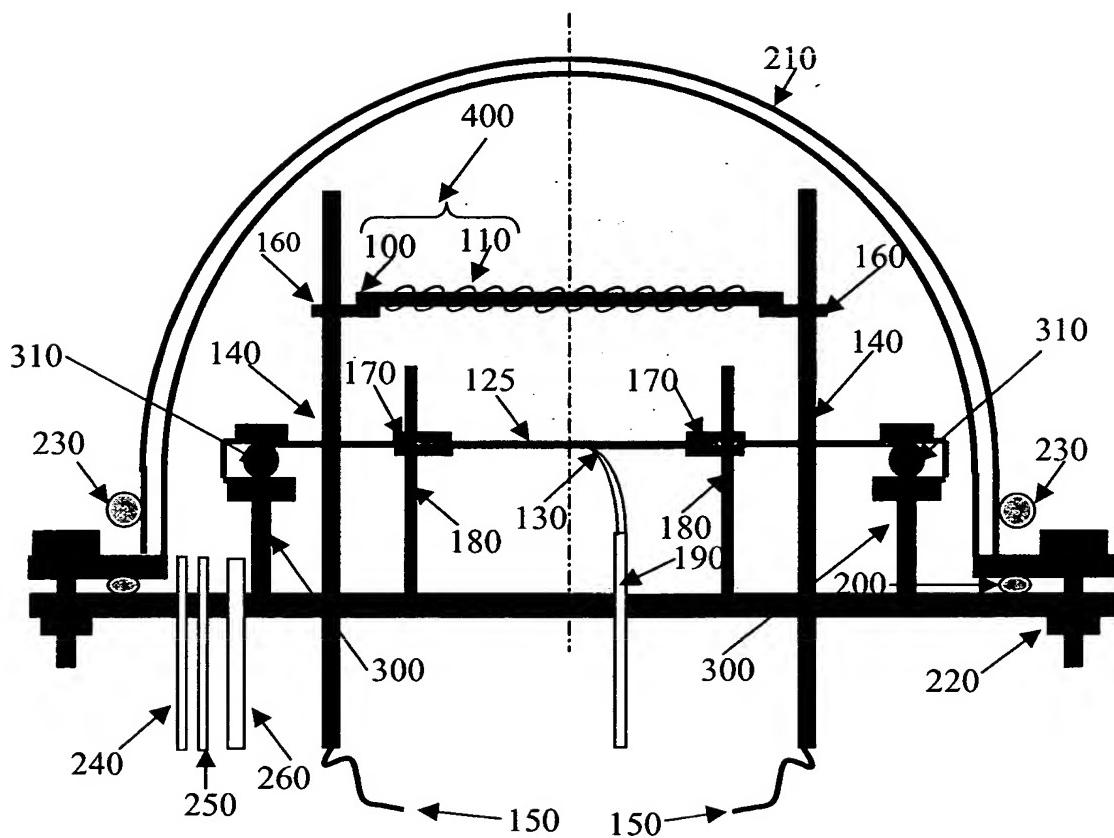


Figure 3. Side illustration of the roll-to-roll CVT apparatus for low-pressure deposition of diamond coatings

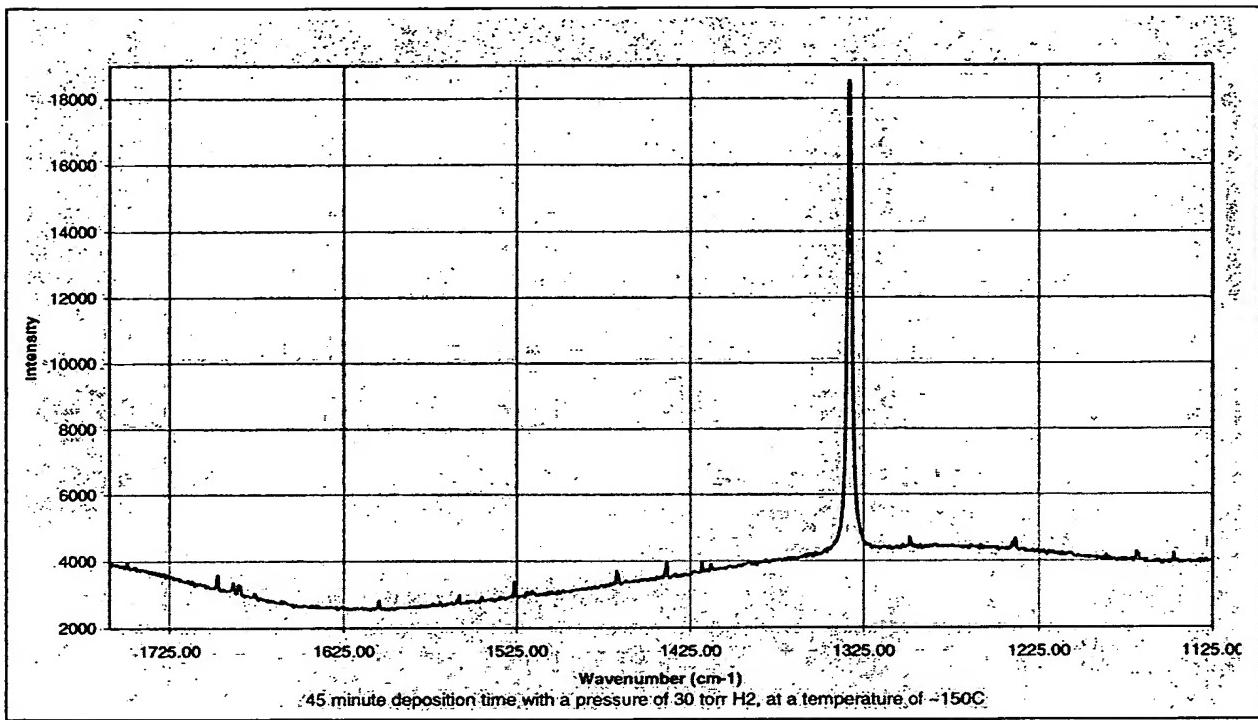


Figure 4: Characterization of Diamond Coatings by Raman Spectroscopy indicating the presence of a diamond with well-defined single sharp peak at 1332 cm^{-1}